

## GWENAËL ABRIL – PUBLICATIONS

(\*doctorant encadré)

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### 2023

- [117]. Vidal L.O., Lambert T., Cotovicz Jr. L.C., Bernardes, M.C., Sobrinho R., Thompson F., Garcia, G.D., Knoppers, B.A., Gatts P., Régis, C. R., **Abril G.**, Rezende C.E. (2023) Seasonal and diel modulation of DOM in a mangrove dominated estuary. *Science of the Total Environment* 159045, <https://doi.org/10.1016/j.scitotenv.2022.159045>.

### 2022

- [116]. **Abril G.**, Cotovicz Jr L.C\*, Nepomuceno A.M., Erbas T.\*, Costa S., Ramos V.V., Moser G., Fernandes A., Negri E., Knoppers B.A., Brandini N., Machado W., Bernardes M., Vantrepotte V. (2022) Spreading eutrophication and changing CO<sub>2</sub> fluxes in the tropical coastal ocean: a few lessons from Rio de Janeiro. *Arquivos de Ciências do Mar*, 55: 461-476, <https://doi.org/10.32360/acmar.v55iEspecial.78518>
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- [112]. Cotovicz Jr. L.C.\*, Marins R.V. and **Abril G.** (2022) Coastal Ocean acidification in Brazil: a brief overview and perspectives. *Arquivos de Ciências do Mar* 55: 345 – 368 <https://doi.org/10.32360/acmar.v55iEspecial.78514>
- [111]. Polsenaere P.\*, Delille B., Poirier D. Charbonnier C., Deborde J.\*, Mouret A. and **Abril G.** (2022) Seasonal, diurnal and tidal variations of dissolved inorganic carbon and pCO<sub>2</sub> in surface waters of a temperate coastal lagoon (Arcachon, SW France). *Estuaries and Coasts*, <https://doi.org/10.1007/s12237-022-01121-6>.

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### 2021

- [110]. **Abril G.**, Libardoni B.G.\*, Brandini N., Cotovicz Jr. L.C.\*, Medeiros P.R.P., Cavalcante G.H., and Knoppers B.A. (2021) Thermodynamic uptake of atmospheric CO<sub>2</sub> in the oligotrophic and semiarid São Francisco estuary (NE Brazil). *Marine Chemistry* 233, <https://doi.org/10.1016/j.marchem.2021.103983>
- [109]. Bragança D., Oliveira F., Macario K., Nunes V., Muniz M., Lamego F., **Abril G.**, Nepomuceno A., Solís C., Rodríguez-Ceja M. (2021) Establishing water samples protocols for radiocarbon analysis at LAC-UFF, Brazil. *Radiocarbon*. <https://doi.org/10.1017/RDC.2021.1>
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